pth 6	Contents 7	Reference to last Measurement 8
	74.25	
	70.50	
	71.25	
	70.50	
	58.82	
	4644.39 m²	

Final bill
Recorded on:- 07.07.2016

Work Code:-006-15-000047

M. A. R. 57 (Rule 116) BR-315 28-7-16

Measurement Book No. B

Work order No:- EE/BTP/BBMP/E-Pmt/08/2016-2017, Date 21/04/2015 262182

Serial No. .....

Name of Work Improvements to Roads & drains at Bhuvaneshwarinagara ward No-06 Byatarayanapura Sub division. From ..... To .....

Name of Contractor or nature of Agency K.R. Santhosh Kumara, #04, 1st A main, V. pura, AVR Block, Virupakshapura, Vidyaranyapura (P) Bangalore. Estd: Ward

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(1) KSRB 2-1-1: Earth work in surface excavation in ordinary soil for levelling & and lowering the ground unmanually (other than foundation of buildings Culverts, road drains and trenches of pipe lines and Cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m excavated surface levelled and neatly dressed, as per Specifications & directions of the engineer in charge of the work.						
	Quantity vide, As per pre measurement recorded in this MB and page no of:- 262162-262166:- 191.25 m³					@ Rs. 150.00	28687.50
	(2) KSRB 2-2-1: Earth work excavation for foundation of buildings, Culverts, water Supply, Sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m in						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	depth including dressing the bottoom and sides of pits and trenches stacking the excavated soil clear froom edges of excavation with lead upto 50m. after breaking of clods Complete as per Specifications.						
	Quantity vide AR per pre-measurement are recorded in this MB and page no of:- 262166-67:-					79.85 m³ @ Rs. 280.00	22,358.00
(3)	Removing B.S. slab of drain and stacking Page no 25/item no. 5.32/PWD SR 2015-2016 etc as per specifications.						
	Quantity vide as per pre-measurement are recorded in this MB & Page no of:- 262167-262170:-					2244.00 m² @ Rs. 60.00	134,640.00
(4)	Refixing Stone slabs of drains and pointing in cm (1:3) Page						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	No. 25/item no 5.32 of the engineer; a
	Quantit
(6)	Providing granite sl in Cement mortar 75 mm thick Page specifications and d 1st A Gross:

ntents	Reference to last Measurement
7	8
of pits and trenches	
of excavation	
Complete as per Speci	
ecorded	
7.85 m³	22358.00
0.00	
ge no 25/item no.	
ded	
44.00 m²	134640.00
.00	
in cm (1:3) Page	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262183

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	No.25/item no .5.33/PWD SR 2015-2016 cleared per Specifications & directions of the engineer in charge of the work.						
	Quantity vide item no:- (3):- 2244.00 m²					157080.00	
	(5) Rs. 70.00						
	(5) Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc complete do 75 mm thick Page No.28/item no. 5.31/PWD SR 2015-2016 cleared per specifications and directions of the engineer in charge of the work						
	1st A/c Gross:-	1×2	15.00	1.65	-	49.50	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1x2	14.80	1.65	-	48.84	
	2nd 'A' Gross	1x2	15.00	1.65	-	49.50	
		1x2	15.00	1.65	-	49.50	
		1x2	4.60	1.65	-	15.18	
	3rd 'A' Gross:-	1x2	15.00	1.65	-	49.50	
	Cate	1x2	15.00	1.65	-	49.50	
	on	1x2	13.90	1.65	-	45.87	
	4th 'A' Gross:-	1x2	15.00	1.65	-	49.50	
		1x2	15.00	1.65	-	49.50	
		1x2	15.00	1.65	-	49.50	
		1x2	10.50	1.65	-	34.65	
	5th 'A' Gross:-	1x2	15.00	1.65	-	49.50	
						590.04 m²	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	(6) KSRB 4-1.3: Providi... mix on 1:4:8 with op... -ed granite metal ... @0.57 cum machine... 6mm thick well com... all materials, labo... fication. Quantity vide, Ab... in this and P...

K

epth 6	Contents 7	Reference to last Measurement 8
	48.84	
-	49.50	
-	49.50	
-	15.18	
-	49.50	
-	49.50	
-	45.87	
-	49.50	
-	49.50	
-	49.50	
-	34.65	
-	49.50	
	590.04 m²	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262184

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Limited to schedule item :-					561.00 m² @Rs. 660.00	3,70,260.00
	⑥ KSRB 4-1.3 : Providing and laying in position plain Cement Concrete of mix of 1:4:8 with OPC Cement at 180 kgs with 40mm and down size graded granite metal Coarse aggregates @0.892 cum and fine aggregates @0.57 cum machine mixed, Concrete laid in layers not exceeding 15 cms thick well Compacted in foundation and plinth including cost of all materials, labour, Hire of machinery curing Completed as per specifications.						
	Quantity vide, As per pre measurement are recorded in this and Page No of :- 262170 - 262171					11.41 m³ @Rs. 5000.00	57050.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	layers with Power ion Sub base Course on well prepared Surface & Compacting with vibratory roller to achieve the desired density Complete as per Specifications.						
	Quantity vide, As per pre-measurements recorded ion this book and page nos of:- 26217H - 26777:- 850.00 m^3 @ Rs. 1710.00						1H, 53500.00
(15)	KSRRB 500-4: Providing and applying primer coat from 7.5 to 9.8 kg and 9.8 to 12.2 kg per 10 Sqm for Surfaces of low and medium porosity respectively over prepared Surface of granular base with Cut back grc-3 or any other bitumen mixed with diesel at 10 kg per 10 Sqm heated ion bitumen boiler fitted with						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Spray Set (excluding of all materials, la Specifications and di work. Quantity vide, As pe ion this book and
(16)	KSRRB on 500-18: P Concrete 25mm thi

ntents	Reference to last Measurement
7	8
nepared surface & Fe desired density	
eCorded -850.00m³	14,535 00.00
0.00	
ner coat from 7.5 Surfaces of lace and Surface of granular ; tuenes mixed with boiler fitted with	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262190

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Spray set (excluding cleaning of road surface) including cost of all materials, labour Hire of machineries Complete as per Specifications and directions of the engineer in charge of the work. Quantity vide, As per pre-measurement recorded in this cell and page no of: 262178-81 : 4250.00m² @ Rs. 60.00						2,55,000.00
(16)	KSRRB 5.500-18: Providing and laying Semi dense bituminous Concrete 25mm thick with 100-120 TPH batch type Hmp producing						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	an average output of 75 tonnes per hour using Crushed aggregates of Specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with Screed control to the required grade, level and alignment, rolling with Smooth wheeled, vibratory and tandem roller to achieve the desired Compaction as per Specification.						
	1st Gross:	1	5.20	$\frac{6.00+5.00}{2}$	0.025	0.72	
		1	15.00	$\frac{5.00+4.80}{2}$	0.025	1.86	
		1	15.00	$\frac{4.90+4.80}{2}$	0.025	1.82	

27/7
Exe. Engr.
Btp. Dn.

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2

27/7
Exe. Engr.
Btp. Dn.

ontents 7	Reference to last Measurement 8
ng Crushed aggregates minous binder at the bitumix to work her with Grader alignment, rolling dem roller to pecification 0.72 1.86 1.82	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 262191

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	15.00	$\frac{4.80+4.90}{2}$	0.025	1.82	
		1	15.00	$\frac{4.90+6.10}{2}$	0.025	2.06	
		1	15.00	$\frac{6.10+5.10}{2}$	0.025	2.10	
		1	15.00	$\frac{5.10+5.00}{2}$	0.025	1.89	
		1	15.00	$\frac{5.00+4.80}{2}$	0.025	1.84	
		1	15.00	$\frac{4.80+5.00}{2}$	0.025	1.84	
		1	15.00	$\frac{5.00+4.70}{2}$	0.025	1.82	

No. 27/7
Exe. Engr.
Btp. Dn.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	15.00	$\frac{4.70+4.80}{2}$	0.025	1.78	
		1	15.00	$\frac{4.80+5.10}{2}$	0.025	1.86	
		1	15.00	$\frac{5.10+5.40}{2}$	0.025	1.97	
	1st A Gross:-	1	15.00	$\frac{4.20+4.50}{2}$	0.025	1.63	
		1	14.80	$\frac{4.50+5.00}{2}$	0.025	1.76	
	2nd Gross:-	1	15.00	$\frac{7.30+5.00}{2}$	0.025	2.31	
		1	15.00	$\frac{5.00+5.00}{2}$	0.025	1.88	
		1	15.50	$\frac{5.00+5.50}{2}$	0.025	1.64	

27/7

Exe. Engr
Btp. Dn.

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ager
Date of commencement of work .....

Date	Full description, etc, of work
1	2

Checked.

27/7

Exe. Engr
Btp. Dn

nts	Reference to last Measurement 8

M. A. R. 57 (Rule 116)
Measurement Book

No. B 262192

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	15.00	$\frac{4.90+4.70}{2}$	0.025	1.80	
		1	15.00	$\frac{4.70+4.80}{2}$	0.025	1.78	
		1	15.00	$\frac{4.80+4.70}{2}$	0.025	1.78	
		1	15.00	$\frac{4.70+5.50}{2}$	0.025	1.91	
		1	15.00	$\frac{5.50+4.90}{2}$	0.025	1.95	
		1	15.00	$\frac{4.90+5.20}{2}$	0.025	1.89	
		1	15.00	$\frac{5.20+5.10}{2}$	0.025	1.93	
		1	15.00	$\frac{5.10+4.70}{2}$	0.025	1.84	

Checked.

Exe. Engr.
Btp. Dn.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	15.00	$\frac{4.70+5.60}{2}$	0.025	1.93	
	2nd 'A' Goal:-	1	15.00	$\frac{4.70+4.80}{2}$	0.025	1.78	
	C/F	1	15.00	$\frac{4.80+4.70}{2}$	0.025	1.78	
		1	4.60	$\frac{4.70+4.60}{2}$	0.025	0.53	
	3rd Goal:-	1	15.00	$\frac{4.90+5.20}{2}$	0.025	1.89	
		1	15.00	$\frac{5.20+4.80}{2}$	0.025	1.88	
		1	15.00	$\frac{4.80+4.90}{2}$	0.025	1.82	
		1	15.00	$\frac{4.90+4.80}{2}$	0.025	1.82	
		1	15.00	$\frac{4.80+4.70}{2}$	0.025	1.78	

Serial No. .....

Name of Work .....

Name of Contractor of nature of Age

Date of commencement of work .....

Date	Full description, etc, of wo
1	2

Contents	Reference to last Measurement
7	8
1.93	
1.78	
1.78	
0.53	
1.89	
1.88	
1.82	
1.82	
1.78	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262193

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Site on	1	15.00	$\frac{4.70+5.30}{2}$	0.025	1.88	
		1	15.00	$\frac{5.30+5.60}{2}$	0.025	2.04	
		1	15.00	$\frac{5.60+5.60}{2}$	0.025	2.10	
		1	15.00	$\frac{5.60+5.40}{2}$	0.025	2.06	
		1	15.00	$\frac{5.40+4.80}{2}$	0.025	1.91	
		1	16.20	$\frac{4.80+7.70}{2}$	0.025	2.53	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	3rd 'A' Gross:-	1	15.00	$\frac{5.30+4.60}{2}$	0.025	1.86	
		1	15.00	$\frac{4.60+4.70}{2}$	0.025	1.74	
		1	13.90	$\frac{4.70+4.80}{2}$	0.025	1.65	
	4th Gross :-	1	15.00	$\frac{6.50+5.00}{2}$	0.025	2.16	
		1	15.00	$\frac{5.00+5.20}{2}$	0.025	1.91	
		1	15.00	$\frac{5.20+5.50}{2}$	0.025	2.01	
		1	15.00	$\frac{5.50+4.90}{2}$	0.025	1.95	
		1	15.00	$\frac{4.90+5.00}{2}$	0.025	1.86	
		1	15.00	$\frac{5.00+4.80}{2}$	0.026	1.84	

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work
1	2
	4th 'A' Gross:-

Contents 7	Reference to last Measurement 8
1.86	
1.74	
1.65	
2.16	
1.91	
2.01	
1.95	
1.86	
1.84	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262194

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	15.00	$\frac{4.80+5.20}{2}$	0.025	1.93	
		1	11.00	$\frac{5.50+6.60}{2}$	0.025	1.66	
		1	15.00	$\frac{5.00+5.50}{2}$	0.025	1.97	
Cont'd		1	15.00	$\frac{5.50+5.00}{2}$	0.025	1.97	
		1	10.00	$\frac{5.00+5.20}{2}$	0.025	1.28	
4th 'A' Gorge:		1	15.00	$\frac{5.00+4.80}{2}$	0.025	1.84	
		1	15.00	$\frac{4.80+4.80}{2}$	0.025	1.80	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	5th 'A' Gross :-	1	15.00	$\frac{4.80+4.60}{2}$	0.025	1.76	
		1	10.50	$\frac{4.60+4.70}{2}$	0.025	1.22	
		1	15.00	$\frac{5.20+4.70}{2}$	0.025	1.86	
	Cafe	1	15.00	$\frac{4.70+4.70}{2}$	0.025	1.76	
	001	1	15.00	$\frac{4.70+4.80}{2}$	0.025	1.78	
		1	15.00	$\frac{4.80+4.60}{2}$	0.025	1.76	
		1	11.70	$\frac{4.60+4.60}{2}$	0.025	1.35	
						106.25 m³	9,66,875.00
					@ Rs.	9100.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	(17) Head for disposal of mechanical excavated 2.00 Kms (Page no 123) engineer in charge

AE
07.07.2016

CERTIFICATE:-
(1) Certified that the

ntents 7	Reference to last Measurement 8
76	
22	
86	
76	
78	
.76	
.35	
6.25 m³	9,66,875.00
00.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262195

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(17) Head for disposal of debries shall be payable at carriage rates by mechanical means including loading and unloading from ground to 2.00 Kms (Page no 123) etc as per specifications and directions of the engineer in charge of the work.						
	Quantity vide item no (1)+(2) :-					316.10 m³	80,638.16
	Cost @ Rs. 65.29						
	Total bill Amount Rs:-						38,47,103.92

AE 07.07.2016

07/07/2016

CERTIFICATE:-

① Certified that the above work done is satisfactory Completed.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(2) Certified that the ~~three~~ contractor has removed the debris from the site ~~debries have been cleared to site~~.						
	(3) Certified that the. There is no issue of departmental materials to Contractor.						

07/07/2016

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

AE. 07.07.2016.

1st & Final Bill

Serial No. .....
Name of Work Improvements
Name of Contractor of nature of Agen
Date of commencement of work ..E.

Date	Full description, etc, of work
1	2
	To Dasarahalli circle

AE. 07.07.

Contents	Reference to last Measurement
7	8
been cleared to debris from the site	
...room contal of ...ators	
07/07/2016	
...ecutive Engineer	
...pura Sub Division	
Bangalore	

1st & Final Bill

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. ..... WORK CODE : 006-15-000047 262196

Name of Work ..... From ..... Improvements to Roads and drains at Bhuvaneshwari nagara ; in ward no:6

Name of Contractor of nature of Agency K.R. Santhosh Kumar

Date of commencement of work EE/ST P/BBMP/E-PMT/03/2016-17, Dt :

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	To Dasarahalli circle	5 Nos	71.7 m	5 Mtrs		29.8 m	To Kadigenahalli circle
		4 Nos	55.5 m	4 Mtrs		1st Cross	
				6 Mtrs			
				3 Mtrs			
	Bhuvaneshwari Nagara Main Road						
		5 Nos	156 m	4 Mtrs	166.20 m	3 Mtrs	177.5 m
						2 Mtrs	185.2 m
						1st Cross.	
	High Tension line Road.						

AE. 07.07.2016.

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	3847103=00 3175553=00 3129,550=00 27/7/16.			IT - 38471- VAT - 153884- WC - 38471- CSF - 3847- Roy - 82880- Total 317,553=00			

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2